



Products to Make
Your Job Easier

PHS West
INC

PHS Part # 54220-001

TOTE HANDLING



20000 Series Lifter w/Tote Handling End-Effector



Large Tote



Small Tote



Arm Spring Plunger Lock



The LIFT-O-FLEX.20300 Series Ergonomic Lifter offers dynamic load handling characteristics for mid-weight load capacities. The 20300 Series has a lift capacity of 200-lbs (90Kg) and provides for improved and expanded flexibility in equipment selection to better fill your ergonomic lifting requirements. This is accomplished using either standard or custom designed end-effectors. The 20300 series lifter is designed for ease of assembly and interchangeability of components. This allows for future modifications by the customer to satisfy tomorrow's ever-changing requirements. Future adaptability to meet your needs without incurring the cost of complete replacement. Each lifter is comprised of modules for easy assembly. The legs mount to the intermediate sections with 8 bolts each side. Improved mast stiffening is offered with the placement of the upper intermediate section along with the mast-mounting bracket. Casters are mounted to the front and a single swivel caster at the rear. A foot operated rear central braking system is used on the lifter. The three (3) position braking system is used to enhance safety and lifter workability. (Rear legs locked in trailing position for easy transport-independent swivel for maneuvering and locked for stationary positioning).

The intermediate section is provided with a lift motor for powering the mast slide for easy and safe movement of the end-effector. The mast is totally enclosed and is provided with a ball screw for smooth up and down DC powered movement. Lift speed has been increased ~20% over previous models. A slip clutch on the down movement provides for safe load handling. The electronic power pack can be provided with either standard or heavy-duty batteries depending on application usage. Power packs are also exchangeable allowing for multi-shift operation. Current limiting (no limit switches) provide for load limiting and stops. The handlebar is adjustable by the operators to achieve ergonomic operation. This along with the detachable remote controller provides the operator with control over load handling functions.